

1646



#11

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/813,345A
Source: 1609
Date Processed by STIC: 9/3/2002

RECEIVED
SEP 06 2002
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/8/3,345A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/813,345A

DATE: 09/03/2002
TIME: 15:26:59

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\09032002\I813345A.raw

Does Not Comply
Corrected Diskette Needed

pp 1-5

3 <110> APPLICANT: CREIGHTON UNIVERSITY
4 SMITH, Derek
5 SAHA, Shankar
6 ABEL, Peter
8 <120> TITLE OF INVENTION: PEPTIDE ANTAGONISTS OF CGRP-RECEPTOR SUPERFAMILY AND METHODS
OF USE
10 <130> FILE REFERENCE: 180.00020102
12 <140> CURRENT APPLICATION NUMBER: 09/813,345A
13 <141> CURRENT FILING DATE: 2001-03-20
15 <150> PRIOR APPLICATION NUMBER: 09/070,504
16 <151> PRIOR FILING DATE: 1998-04-30
18 <160> NUMBER OF SEQ ID NOS: 23
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 30
24 <212> TYPE: PRT
C--> 25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: peptide (global error) insufficient explanation - give source of genetic material
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33 1 5 10 15
35 Lys Ser Asn Phe Val Pro Thr Asn Val Gly Ser Lys Ala Phe
36 20 25 30
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 30
40 <212> TYPE: PRT
C--> 41 <213> ORGANISM: Artificial
43 <220> FEATURE:
44 <223> OTHER INFORMATION: peptide (see item 11 on Error Summary Sheet)
46 <400> SEQUENCE: 2
48 Val Thr His Arg Leu Ala Gly Leu Leu Ser Arg Ser Gly Gly Val Val
49 1 5 10 15
51 Lys Asn Asn Phe Val Pro Thr Asn Val Gly Ser Lys Ala Phe
52 20 25 30
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 37
56 <212> TYPE: PRT
C--> 57 <213> ORGANISM: Artificial
59 <220> FEATURE:
60 <223> OTHER INFORMATION: peptide
62 <400> SEQUENCE: 3
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65 1 5 10 15

RAW SEQUENCE LISTING

DATE: 09/03/2002

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09032002\I813345A.raw

67 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val
68 20 25 30
70 Gly Ser Lys Ala Phe
71 35
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 37
75 <212> TYPE: PRT
C--> 76 <213> ORGANISM: Artificial
78 <220> FEATURE:
79 <223> OTHER INFORMATION: peptide
81 <400> SEQUENCE: 4
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84 1 5 10 15
86 Ser Arg Ser Gly Gly Val Val Lys Asn Asn Phe Val Pro Thr Asn Val
87 20 25 30
89 Gly Ser Lys Ala Phe
90 35
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 37
94 <212> TYPE: PRT
C--> 95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: peptide
100 <400> SEQUENCE: 5
102 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
103 1 5 10 15
105 Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
106 20 25 30
108 Gly Ser Lys Ala Phe
109 35
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 37
113 <212> TYPE: PRT
C--> 114 <213> ORGANISM: Artificial
116 <220> FEATURE:
117 <223> OTHER INFORMATION: peptide
119 <400> SEQUENCE: 6
121 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
122 1 5 10 15
124 Ser Arg Ser Gly Gly Val Val Lys Asp Asn Phe Val Pro Thr Asn Val
125 20 25 30
127 Gly Ser Glu Ala Phe
128 35
130 <210> SEQ ID NO: 7
131 <211> LENGTH: 37
132 <212> TYPE: PRT
C--> 133 <213> ORGANISM: Artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: peptide

RAW SEQUENCE LISTING

DATE: 09/03/2002

PATENT APPLICATION: US/09/813,345A

TIME: 15:27:00

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09032002\I813345A.raw

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143 Ser Arg Ser Gly Gly Val Gly Lys Asn Asn Phe Val Pro Thr Asn Val
144 20 25 30
146 Gly Ser Lys Ala Phe
147 35
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 37
151 <212> TYPE: PRT
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154 <220> FEATURE:
155 <223> OTHER INFORMATION: peptide
157 <400> SEQUENCE: 8
159 Gly Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
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162 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asn Val
163 20 25 30
165 Gly Ser Glu Ala Phe
166 35
168 <210> SEQ ID NO: 9
169 <211> LENGTH: 37
170 <212> TYPE: PRT
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173 <220> FEATURE:
174 <223> OTHER INFORMATION: peptide
176 <400> SEQUENCE: 9
178 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
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181 Ser Arg Ser Gly Gly Met Val Lys Ser Asn Phe Val Pro Thr Asp Val
182 20 25 30
184 Gly Ser Glu Ala Phe
185 35
187 <210> SEQ ID NO: 10
188 <211> LENGTH: 37
189 <212> TYPE: PRT
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192 <220> FEATURE:
193 <223> OTHER INFORMATION: peptide
195 <400> SEQUENCE: 10
197 Ser Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Gly Leu Leu
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200 Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
201 20 25 30
203 Gly Ser Gln Ala Phe
204 35
206 <210> SEQ ID NO: 11
207 <211> LENGTH: 37
208 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/813,345A

DATE: 09/03/2002
TIME: 15:27:00

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\09032002\I813345A.raw

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219 Ser Arg Ser Gly Gly Val Val Lys Ser Asn Phe Val Pro Thr Asn Val
220 20 25 30
222 Gly Ser Glu Ala Phe
223 35
225 <210> SEQ ID NO: 12
226 <211> LENGTH: 37
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230 <220> FEATURE:
231 <223> OTHER INFORMATION: peptide
233 <400> SEQUENCE: 12
235 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
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238 Asn Arg Ser Gly Gly Met Gly Asn Ser Asn Phe Val Pro Thr Asn Val
239 20 25 30
241 Gly Ala Lys Ala Phe
242 35
244 <210> SEQ ID NO: 13
245 <211> LENGTH: 37
246 <212> TYPE: PRT
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249 <220> FEATURE:
250 <223> OTHER INFORMATION: peptide
252 <400> SEQUENCE: 13
254 Ala Cys Asn Thr Ala Thr Cys Val Thr His Arg Leu Ala Asp Phe Leu
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257 Ser Arg Ser Gly Gly Met Ala Lys Asn Asn Phe Val Pro Thr Asn Val
258 20 25 30
260 Gly Ser Lys Ala Phe
261 35
263 <210> SEQ ID NO: 14
264 <211> LENGTH: 52
265 <212> TYPE: PRT
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268 <220> FEATURE:
269 <223> OTHER INFORMATION: peptide
271 <400> SEQUENCE: 14
273 Tyr Arg Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys
274 1 5 10 15
276 Arg Phe Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln
277 20 25 30
279 Phe Thr Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser
280 35 40 45

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DATE: 09/03/2002

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TIME: 15:27:00

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\09032002\I813345A.raw

282 Pro Gln Gly Tyr
283 50
285 <210> SEQ ID NO: 15
286 <211> LENGTH: 50
287 <212> TYPE: PRT
C--> 288 <213> ORGANISM: Artificial
290 <220> FEATURE:
291 <223> OTHER INFORMATION: peptide
293 <400> SEQUENCE: 15
295 Tyr Arg Gln Ser Met Asn Gln Gly Ser Arg Ser Thr Gly Cys Arg Phe
296 1 5 10 15
298 Gly Thr Cys Thr Met Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
299 20 25 30
301 Asp Lys Asp Lys Asp Gly Met Ala Pro Arg Asn Lys Ile Ser Pro Gln
302 35 40 45
304 Gly Tyr
305 50
307 <210> SEQ ID NO: 16
308 <211> LENGTH: 37
309 <212> TYPE: PRT
C--> 310 <213> ORGANISM: Artificial
312 <220> FEATURE:
313 <223> OTHER INFORMATION: peptide
315 <400> SEQUENCE: 16
317 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
318 1 5 10 15
320 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
321 20 25 30
323 Gly Ser Asn Thr Tyr
324 35
326 <210> SEQ ID NO: 17
327 <211> LENGTH: 37
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331 <220> FEATURE:
332 <223> OTHER INFORMATION: peptide
334 <400> SEQUENCE: 17
336 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
337 1 5 10 15
339 Val Arg Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val
340 20 25 30
342 Gly Ser Asn Thr Tyr
343 35
345 <210> SEQ ID NO: 18
346 <211> LENGTH: 30
347 <212> TYPE: PRT
C--> 348 <213> ORGANISM: Artificial
350 <220> FEATURE:
351 <223> OTHER INFORMATION: peptide

*please correct any
subrequest sequences
showing the above error*